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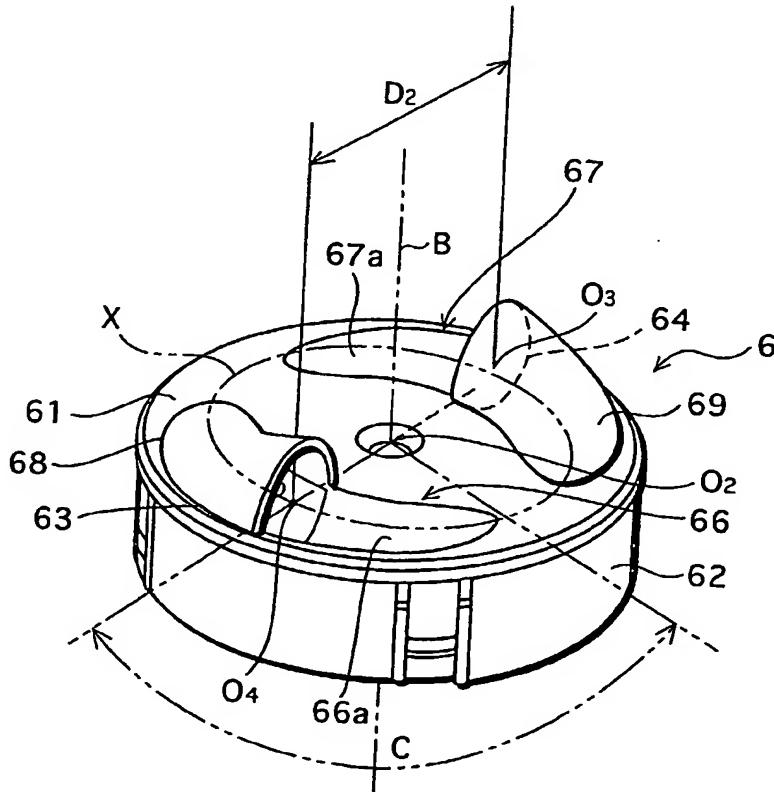
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- (71) Applicant (for all designated States except US): MAT-SUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): NAKANISHI, Akiko [JP/JP]; 7-85, Ikagakitamachi, Hirakata-shi, Osaka 573-0036 (JP). KAKUNO, Yoshinori [JP/JP]; 21-10, Kisabe 4-chome, Katano-shi, Osaka 576-0052 (JP). IIDA, Shiro [JP/JP]; 1-53, Misasagihirabayashicho, Yamashina-ku, Kyoto-shi, Kyoto 607-8406 (JP). ITAYA, Kenji [JP/JP]; 1-10-18, Fukazawacho, Takatsuki-shi, Osaka 569-0035 (JP).
- (74) Agent: NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankann, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
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(54) Title: LOW-PRESSURE MERCURY LAMP AND METHOD FOR ASSEMBLING THE SAME



(57) Abstract: An arc tube (2) is formed by a glass tube that is turned at a substantially middle thereof and wound around a spiral axis (13) from the middle, preferably to have a double-spiral structure. End portions of the arc tube are wound around the spiral axis (13). A holder (6) has insertion openings (63, 64) formed therein in such shapes that correspond to shapes of the ends of the arc tube (2). The insertion openings allow the ends of the arc tube (2) to be inserted along a bottom wall of the holder (6). The holder preferably also includes guide grooves (66a, 67a) provided in the areas before the insertion openings (63, 64) in the spiral direction of the ends of the arc tube (2). The guide grooves (66a, 67a) allow the end portions of the arc tube (2) to come in contact, and when the arc tube is rotated around the axis (13), guide the ends of the arc tube (2) to the insertion openings (63, 64).



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 675 215 A (SOULES THOMAS F ET AL) 7 October 1997 (1997-10-07) column 5, line 11 - column 6, line 63; figures 2,3 -----	1-11
X	EP 1 182 688 A (GEN ELECTRIC) 27 February 2002 (2002-02-27) figure 5 -----	1-4,6, 10-12
E	WO 03/083360 A (KOTAKI TOSHIKATSU ; TOMIYOSHI YASUSHIGE (JP); IIDA SHIRO (JP); KITAGAWA) 9 October 2003 (2003-10-09) abstract; figures 1,2,4,5 -----	1-4,6-13

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
 Fax: (+31-70) 340-3016

Authorized officer

Peters, V

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Information on patent family members

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